



PROJECT NUMBER

323666

BORING ID:

17C071

Sheet 1 of 2

SOIL BORING LOG

PROJECT: Beale AFB-Site 17 PRB, Phase 1 Drilling

LOCATION: Secondary Source Area

ELEVATION: 151.28

NORTHING: 2162356.96

EASTING: 6743926.45

DRILLING CONTRACTOR: Resonant Sonic International, Woodland, CA

DRILLING METHOD AND EQUIPMENT USED: Sonic Direct Push - Power Probe 9630

WATER LEVELS:

START: 6/28/2005 11:00:00 AM

END:

LOGGER: B. Moayyad

DEPTH BGS (ft)	INTERVAL (ft)		STANDARD PENETRATION TEST RESULTS	CORE DESCRIPTION:		COMMENTS:
	RECOVERY	TYPE-# <small>SS=Split Spoon ST=Shelby Tube</small>		SOIL NAME (USCS GROUP SYMBOL), COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.	
6-6-6 (in) (N)						
0	0-5.5	1.8/ 4.0'		ML - SANDY SILT (ML), brown, damp, firm to hard, friable, - non-sticky, ~30% very fine sand	PID = 0.0	
1				-		
2				-		
3				-		
4		2.0/ 4.0'	2.0/4.0'	ML -		
5				-		
6	5.5-11			SM - SILTY SAND (SM), brown, moist, loose to medium dense, - non-sticky, ~40% fines	PID = 0.0. Fining upwards.	
7				-		
8		2.5/4. 0'		-		
9				-		
10				-		
11	11-16	1.9/ 4.0'		SW - WELL GRADED SAND WITH GRAVEL (SW), brown, moist to wet, - medium density, ~40% gravel, ~50% sand, ~10% fines, becomes - gray 12-16 ft	PID = 0.0	
12				-		
13				-		
14				-		
15				-		
16	16-24	2.0/ 4.0'		GM - SILTY GRAVEL (GM), mottled gray and brown, saturated, - dense, ~35% fines, ~30% sand, ~35% gravel	11:20 Collect 17C071HP10 from 12-16 ft	
17				-		
18				-		
19				-		
20		2.0/ 4.0'		GM -	PID = 0.7 (soil), 9.4 (water)	
21				-		
22				GM - Sandy zones at 22 and 23 ft		
				-		



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	INTERVAL (ft)	RECOVERY				
						TYPE-#
23 -			6-6-6 (in) (N)	-	12:00 Collect 17C071HP20 from 20-24 ft	
24 -				GM - EOB at 24 ft bgs		
25 -				-		